GT MAGNETIC POWER BICYCLES
(SMART CYCLE)

USER'S MANUAL

Congratulations on selecting the GT Magnetic Power Bicycle (**Smart Cycle** in short). In order to use and enjoy your Smart Cycle safely and to get the best performance and durability from this product, please read this manual before riding and retain it for future reference.

READ THIS FIRST

We want you to be completely satisfied with your Smart Cycle. If you have any questions or concerns, please call us:

41 BENTLEY STREET, WETHERILL PARK NSW 2164, AUSTRALIA
PHONE: (02) 9729 0022
WEB: www.gtmotor.com.au

Each bicycle comes with a Vehicle Identification Number (VIN) embossed into the frame and a Motor Identification Number (MIN). Please record the VIN and MIN along with other pertinent information below in the event that the bicycle is lost or stolen.

To obtain warranty repair service based on the terms and conditions mentioned below, this card must be filled in and authenticated by the dealer from whom you purchase this Smart Cycle. Proof of Purchase, in the form of invoice, issued by the dealer will also be required. "Date of Purchase" will be determined by the date indicated on the invoice, which should be the same as the date filled in the card.

VIN: .....

MIN: .....

Invoice Number: .....

Date of Purchase: .....

Dealer's Stamp: _____

Smart Cycle

Specification:

Motor Power:	120Watts
Max Speed:	20 km/h
Transmission:	Two speed electronic transmission
Frame Material:	Aluminum Alloy
Battery Source:	Lithium Rechargeable battery (14.4V, 11Ah)
Size:	1100×400×930mm
Net Weight:	9.5kg
Max load:	100kg

WARNING AND CAUTIONS

Even on the best days, riding or operating any sort of vehicle is hazardous. This manual contains many cautions and warnings. There are also some common sense rules to keep in mind as you are preparing to ride and as you are riding. It is important that you read and understand the rules outlined in this manual. Thanks!

Ensure all quick release is tightened up. Fail to do this can cause physical damages and hurts.

Never attempt to disassemble the battery, or controller. This can result in injury, fire, or damage to the Smart Cycle.

Recharge the battery before the battery is used up. Failure to do this can result in decreased battery performance for the life of the Smart Cycle.

Do not charge the battery without attendance and in an ambient temperature below 45°C. Keep the charger out of the reach of children.

Disconnect the cable from the DC IN jack on your Smart Cycle after charging is complete.

Do not place your Smart Cycle where it will be exposed to strong sunshine or high heat over 60°C, and use in an ambient temperature of between -10°C to 35°C.

Do not immerse your Smart Cycle in water especially seawater or expose your Smart Cycle to high humidity, or rain for extended periods. This can damage or destroy the electrical components.

Only one rider at a time. Riding double or carrying large objects that obstruct your vision or interfere with your control of the Smart Cycle can result in loss of control.

Kids and people lack of the balancing ability are prohibited to ride. Children are forbidden to operate without the guidance.

Ride only in flat and smooth road conditions. Ride on uneven road can cause physical reactions. Do not use the product to climb steep road over 15 degree, it will greatly loose power.

Do not perform tricks or stunts. Maintain complete control, caution and a reasonable speed at all times. This Smart Cycle is not suited for stunt jumping, competition or racing.

When riding at night or in inclement weather, always use lights that are bright and in good working order.

Take special precautions when riding in the rain, ice or snow. Give yourself more time and room to brake. Ride slower than normal in order to keep full control of your Smart Cycle.

Ride with traffic and obey all traffic laws.

Remove the key (plastic button) from the Smart Cycle after use. Make sure the product is placed safely. Unattended product may result in theft.

SMART CYCLE

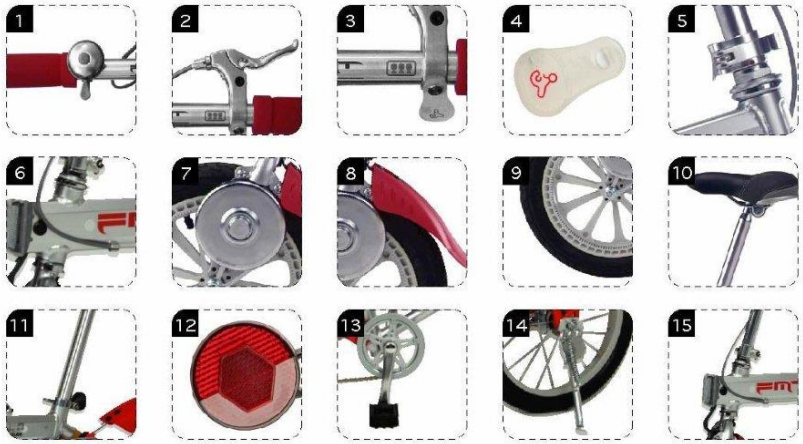
The following is a list of all the necessary parts and components of your new Smart Cycle. Please make sure everything is enclosed in the box and in good working condition.

1 - Dismantled Bicycle	2 - Battery charger	3 - Took Kit
4 - Warranty Card	5 - Owner's Manual	6 – Magnetic Control Button

Please check the bike along with the parts and components thoroughly for any damage that may have been sustained during shipping. Be careful to avoid scratching the frame when untying or unpacking the bicycle and components.

If you find that something is missing, please call the Smart Cycle authorized dealer.

Figure 1 – Parts of your Smart Cycle



1 – Bell
2 – Brake Lever
3 – Battery Indicator
4 – Magnetic Control Button
5 – Front Quick Release
6 – Charging port
7 – Disk Motor
8 – Mud guard
9 – Double rim
10 – Saddle/Adjustable Tube
11 – Saddle tube Quick Release
12 – Rear Reflector
13 – Chain & Pedal
14 – Kickstand
15 – Sensor Light

PREPERATIONS

Please read through and follow all instructions to ensure that your Smart Cycle is properly assembled and ready for use.

Remove Smart Cycle from the box and remove all of the wrappings and ties that protect the bicycle during shipment.

Fill the tyres with air to the recommended pressure (20psi for the front tyre and 35psi for the rear tyre).

NOTICE
Deficiency of tyre pressure will cause decrease of speed, range and performance capability during riding.

Charge the battery before riding. A charge cycle is 4-6 hours and 12 hours for the first 3 charges

CAUTION

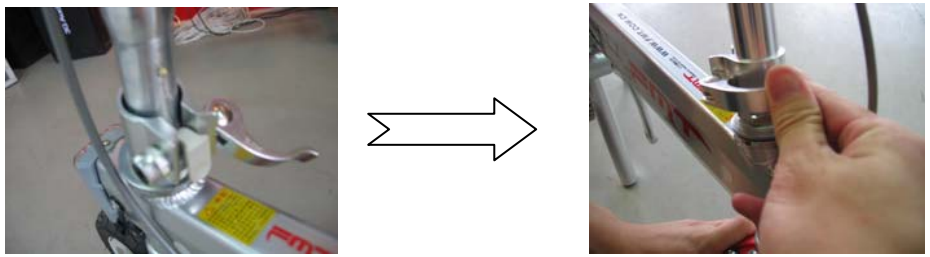
The following instruction should be followed to avoid the damage of controller and battery pack. The DC IN jack cover is located on the left side of main frame. Connect the AC adaptor to DC IN jack and then connect the AC adaptor to the wall socket (220V) using the main lead. Indicator light flashes green during the period of charging and turns into stable green when charging is complete. Please disconnect the AC adaptor when the bike is fully charged.

ASSEMBLY

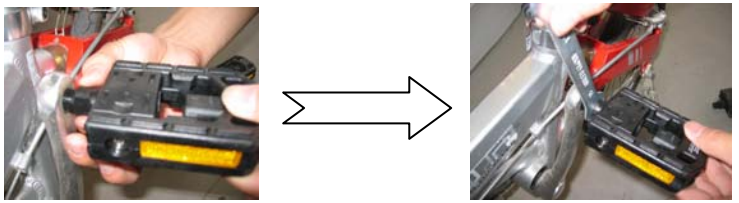
STEP 1
Use the kickstand to stand the bicycle.

Pedals and kickstand are folded when taken out from the package. Pull the pedals straight and insert them inside the pedal tube. Adjust the Pedals by turning them to ensure the spring button sprung out of the hole in the pedal tube. Stretch the kickstand to hold the bicycle.

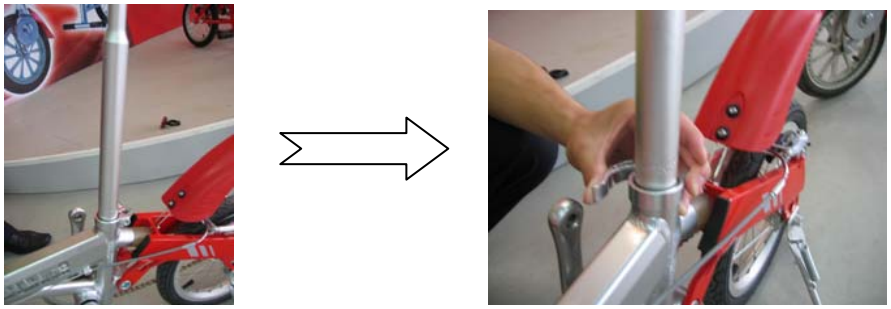
Step 2
Insert the T-shape handle bar into the front tube, press to the bottom until hear a click. Lock the front quick release. Make sure you cannot twist the handlebars after tightening.



STEP 3
Pedals are sealed at the back of the foam. Screw in the pedals on the aluminum crank arm with your fingers. Understand that the right pedal is right-hand thread, but the left pedal is left-hand (reverse) thread. Tighten the pedals securely using the pedal wrench.



STEP 4
Adjust the height of saddle tube and lock the tube quick release tight. Make sure you cannot twist the saddle tube after tightening.



Step 5
Install your seat on the seat post. Fit the saddle onto the grooves and tighten the bolt until they hold the seat in place.

Step 6
Adjust the tilt of the saddle. Initially, you should adjust the seat to its level. Later, you may decide you want a slight upward or downward tilt.

RIDING INSTRUCTIONS

STEP 1
Make sure all of your quick releases are locked and secure. Make sure all parts, components and accessories are in good working order. Check all fittings and be sure that they are tight and secure. Inspect your bike completely.

STEP 2
Adjust the saddle to the proper height according to assembly Step6.

Step 3
Smart Cycle apply push start mechanical system to protect the motor and battery pack. Push the bike to give it a starting speed and then immediately press the magnetic controlling button (key) to the handle bar to ride forward. Hold the magnetic button, the bike will go at the lower speed. To accelerate, release the button and repress within one second, the bike moves at the higher speed.

Step 4
Smart Cycle adopt E-ABS system. To reduce the speed, release the magnetic controlling button and the bike slows down. The brake lever can be squeezed to stop the bike quickly.

Step5
The front light is sensible and have two modes. Use the remote magnetic control key to touch the light sensor area (see photo), it switches on. Touch a second time, the light flashes. Touch a third time, the light switches off.

FOLDING & STORAGE

Step1
Loosen the quick release under the handle bar by pressing the white “Press” button with the thumb of left hand. Use the right hand to lift out the T shape handle bar from the tube and pull it to the right side. Keep the brake level up and place the left brake level inside the crank to lock T-bar.

Step2
Unfasten the saddle quick release and push the saddle to the end.

Step3
Press the spring button on the two pedals and fold the pedals.

Step4
Please keep the bike stored in shade and dry place. Make sure that the battery pack remains around 50% power (approximately 2 hour charging) when transporting or storing.

BRAKING SYSTEM, WHEELS AND RIMS

The front wheel applies E-ABS system and the rear wheel is equipped with mechanical braking system.

Whenever you hear any irregular noise from the wheels or the brakes, the wheels should be checked and repaired. Tight mechanical braking system can also generate strange noise, and adjust it properly.

Inflate your tyres up to a maximum pressure of 20psi（1.5kg/ cm³）for the front tyre and 35psi（2.5kg/ cm³）for the rear tyre. Improper tyre pressure will cause excessive wear, causing premature replacement. Low tyre pressure will also make riding more difficult. The tyre should be properly seated in the rim and the fitting of the tyre bead and rim bead should be checked.

BATTERY SYSTEM

CAUTION
Only use the charger that was supplied with your bike to charge the battery for safety reason. Use of the improper charger can result in fire or explosion. Never leave the product unattended when charging and should be operated by adults.

Never attempt to dismantle charger, battery and controller for safety.

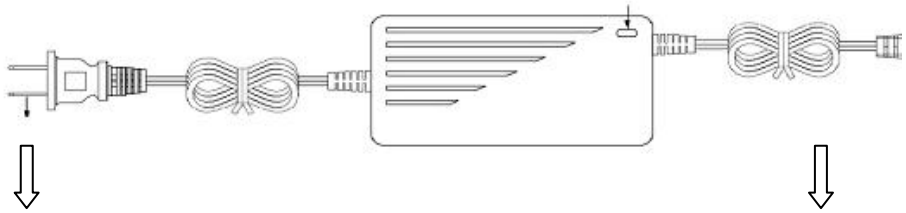
NOTICE
The charging time for lithium battery pack is around 4-6 hours. After the battery pack is fully charged, the indicator of the charger turns green and stops flashing. Please disconnect the power after the charging process is finished.
Charger Indication

WARNING
Battery may explode if mistreated.
Do not disassemble or dispose of in fire or in water.
Contact with metal or placing in humidity can cause short circuit.
If the batteries leak or give off strange odor, stop using immediately.

Charging Indication
Phase 1: charging in process 0-99%, green light flashes
Phase 2: full charge, 100%, green light turns stable

100-240V AC

Output Voltage : 16.8V
Charger indicator



Input plug

Output plug

MAINTAINENCE

Throughout the year, there are simple steps you can take to inspect and maintain your Smart Cycle:

1. Every week or two, tighten all nuts and bolts. Check all hardware to see that no parts are worn, damaged, or missing. Make certain that the frame and fork alignment are true and that all components are seated in the right position.

2. Clean the frame and all parts regularly with a moist cloth or sponge. Do not completely immerse the bicycle in water and avoid soaking the battery and motor area. Be sure to completely dry bike with a soft towel to prevent rusting and corrosion. Your Smart Cycle are water resistant, but not water-proof.

3. Reflectors should be kept clean, securely fastened and positioned for easy visibility at night from the front, rear and side. Immediately replace any damaged reflectors.

4. Replace worn or damaged cables. Keep control cable lubricated.

TROUBLESHOOTING

Problem	Possible Cause	Correction
Press the magnetic controlling button, motor dose not work	1. Low battery 2. Still status 3. E-ABS locked	1. Charging the battery 2. Push start 3. Squeeze and loose the brake level consecutively to unlock the brake.
Plug in the Ad adaptor, the battery can not be charged	1. not connected 2. the charger is broken 3. Circuit Protection 4. Long time storage	1. check the connecting wire and make sure it is well connected 2. replace the charger 3. disconnect the AC adaptor to the DC IN jack and reconnect when the green light flashes 4. give the bike a quick push and the motor will charge the battery. Then use the AC adaptor can charge the battery.
Insufficient range	1. Low tyre pressure 2. Battery not fully charged 3. Damaged or old battery	1. Inflate tyre 2. Charge the battery 3. Replace the battery

We strongly recommend you to deliver the defective bicycle to our authorized dealers and get repaired if any damage occurs. You may contact the nearest authorized dealer. For further information, please contact your dealer.

Authorised Australia Distributor:

GT MOTORCYCLES

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